

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Y. SHIROISHI
Serial No.: (not yet assigned)
Filed: August 21, 2003
For: MAGNETIC RECORDING AND READING DEVICE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 21, 2003

Sir:

In the matter of the above-identified application, this information disclosure statement is being submitted with the following citation as specified in 37 CFR 1.97(d).

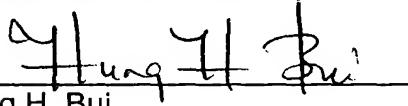
"A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120."

Applicant(s) are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application(s) Serial No. 10/115,917, filed April 5, 2002, Serial No. 09/725,317, filed November 29, 2000, now U.S. Patent No. 6,407,892, and Serial No. 09/377,189, filed August 19, 1999, now U.S. Patent No. 6,266,210 and copending application(s) Serial No. 09/725,253, filed November 29, 2000, now U.S. Patent No. 6,404,605, Serial No. 09/377,189, now U.S. Patent No. 6,266,210, and related to application Serial No. 09/836,481, filed April 18, 2001, now U.S. Patent No. 6,324,035.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (500.37488CC5) and please credit any excess fees to such deposit account.

Respectfully submitted,



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Form PTO-1449
Equivalent

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 500.37488CC5
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U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class	Subclass	Filing Date If Approp.
	4,651,248	3/87	Shiiki et al			
	4,809,232	2/89	Baumbaugh et al			
	4,949,039	8/90	Grunberg			
	5,143,794	9/92	Suzuki et al			
	5,206,590	4/93	Dieney et al			
	5,363,251	11/94	Kamo et al			
	5,446,307	8/95	Lux et al			
	5,493,467	2/96	Cain et al			
	5,563,752	8/96	Komuro et al			
	5,572,490	11/96	Kazama			
	5,621,596	4/97	Santini			
	5,712,747	1/98	Voldman et al			
	5,739,988	8/98	Gill			
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	5,970,602	10/99	Harada et al			
	6,014,289	1/00	Goss			
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	6,038,102	3/00	Balakrishnan et al			
	6,046,882	4/00	Pattanaik et al			
	6,055,131	4/00	Takahashi et al			
	6,069,774	5/00	Arisaka et al			
	6,114,850	9/00	Hayashi			
	6,141,190	10/00	Nakamoto et al			
	6,122,818	9/00	Lee			
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	6,134,084	10/00	Ohwe et al			
	6,163,443	12/00	Hatagami et al			
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	6,188,546	2/01	Nakajima et al			
	6,194,896	2/01	Takahashi et al			
	6,201,667	3/01	Yamamoto et al			
	6,313,969	11/01	Hattori et al			
	6,324,035	11/01	Shiroishi			
	6,407,892	6/02	Shiroishi			
	6,410,133	6/02	Kirino et al			
	6,417,998	7/02	Crue et al			

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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
61-97906	5/86	Japan		
63-148411	6/88	Japan		
63-234407	9/88	Japan		
2-61572	3/90	Japan		
2-148643	6/90	Japan		
2-218904	8/90	Japan		
3-16013	1/91	Japan		
4-358310	12/92	Japan		
6-274827	9/94	Japan		
7-134820	5/95	Japan		
7-296304	11/95	Japan		
7-333015	12/95	Japan		
8-153309	6/96	Japan		
9-091660	4/97	Japan		
0 797 187 A2	9/97	European		

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include copy of this form with
next communication to applicant.